



Dart Aerospace Ltd.  
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**RBW6510A00436W142D-3T**  
**Job Sheet 190248**



Part No: RBW6510A00436W142D-3T

Job Qty: 1 pcs **5**

**DAC**  
**21**  
**9-88**

Part Name: Wrench, Shurlock, Bearing Support Housing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/6/19

Job Tracking No:

Due Date: 3/18/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6510A00436W142D-3T Rev.2 IPP Rev. A 19.02.05 New issue DP Verify DD

Ship Via:

### Bill of Materials



Container No: S183698

Part: RBW6510A00436W142D-3T

Job No: 190248

Serial No/Batch: S183698

Revision: 2

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.  
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Date: 05/23/19

## Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off                         |
|-------|-----------------------------|-------|------------|----------|-----------|---------|------------------------|-----------|----------------------------------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |                                  |
| 100   | Small Fab - 1               | 1 pcs | 3/18/19    |          | 0.00      | 0.20    | Small Fab - 1          |           | MLC                              |
|       |                             |       |            |          |           |         | Small Fab - 2          |           |                                  |
|       |                             |       |            |          |           |         | Small Fab - 3          |           |                                  |
|       |                             |       |            |          |           |         | Small Fab - 4          |           |                                  |
|       |                             |       |            |          |           |         | Small Fab - 5          |           |                                  |
|       |                             |       |            |          |           |         | Small Fab - 6          |           |                                  |
|       |                             |       |            |          |           |         | Small Fab - 7          |           |                                  |
| 110   | QC 5                        | 1 pcs | 3/18/19    |          | 0.00      | 0.00    | QC 5 - 10              |           | DAS<br>MAY 24 2019<br>40<br>9-89 |
|       |                             |       |            |          |           |         | QC 5 - 12              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 17              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 18              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 19              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 22              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 24              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 3               |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 38              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 42              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 43              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 49              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 51              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 58              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 68              |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 9               |           |                                  |
|       |                             |       |            |          |           |         | QC 5 - 50              |           |                                  |
| 120   | Packaging 3-1 - Stock - B4B | 1 pcs | 3/18/19    |          | 0.00      | 0.00    | Packaging 3 - 1 - B4B  |           | DAS<br>28<br>9-89                |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 8 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 9 - B4B  |           |                                  |
|       |                             |       |            |          |           |         | Packaging 3 - 10 - B4B |           |                                  |
| 130   | QC 21 - FG                  | 1 pcs | 3/18/19    |          | 0.00      | 0.00    | QC 21 - FG - 21        |           | DAS<br>21<br>9-89<br>MAY 27 2019 |
|       |                             |       |            |          |           |         | QC 21 - FG - 70        |           |                                  |
|       |                             |       |            |          |           |         | QC 21 - SA - 53        |           |                                  |

Part Op  
Descriptions: 100 - Press -5 into -3 as per drawing sheet 2.

## Job BOM

| Part / Item             | Component Name | Quantity     | Operation         | Container |
|-------------------------|----------------|--------------|-------------------|-----------|
| RBW6510A00436W142D-3T-3 | Sleeve         | 1 pcs (1 ea) | 100-Small Fab - 1 | 315 9870  |
| RBW6510A00436W142D-3T-5 | Socket         | 1 pcs (1 ea) | 100-Small Fab - 1 | 315 9915  |

## Job Allocations

| Operation         | Component Part          | Required | Inventory | Allocated |
|-------------------|-------------------------|----------|-----------|-----------|
| 100-Small Fab - 1 | RBW6510A00436W142D-3T-3 | 1        | 0         | 0         |
|                   | RBW6510A00436W142D-3T-5 | 1        | 0         | 0         |

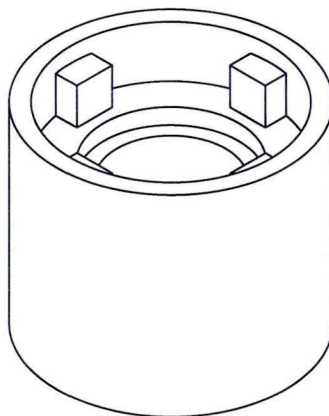
**Part Specifications**

Specifications could not be found.

*Plex 2/6/19 9:56 AM Dart.lajeunesse.marie*

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| REVISIONS |                                                                                                 |           |         |          |
|-----------|-------------------------------------------------------------------------------------------------|-----------|---------|----------|
| REV       | DESCRIPTION                                                                                     | DATE      | INITIAL | APPROVED |
| A         | CH'D -5 ENGRAVE NOTE DELETED (KPE1) PER S.E.                                                    | 2/15/2012 | RJC     | SE       |
| 1         | -5 ADDED CHAMFER 120° Ø.70 TO RATCHET HOLE.                                                     | 3/7/2013  | BIM     | GE       |
| 2         | -5 DELETED DIM 2X LIMITS .008 TO .013, ADDED MISSING DIMS 2X .670 MIN & 2X LIMITS .503 TO .508. | 5/20/2014 | DPD     | GE       |



SHOP COPY  
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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 190248 MJS  
19-02-06

NOTE:  
REF. AGUSTA T/N: 3T6510A00436W142D.

|                                                        |                              |
|--------------------------------------------------------|------------------------------|
| <b>DART<br/>AEROSPACE</b>                              |                              |
| TITLE WRENCH, SHURLOK, BEARING<br>SUPPORT HOUSING      |                              |
| DWG NO. RBW6510A00436W142D-3T                          | REV 2                        |
| MAT'L                                                  | DRAWN BY: GILBERT            |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i>       |
| .XXX ± .005 FRACTIONS ± 1/32                           | HEAT                         |
| .XX ± .01 ANGLES ± 5°                                  | TREAT                        |
| .X ± .1                                                | FINISH                       |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        | SPEC                         |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           | USED ON MODEL                |
|                                                        | AW139                        |
| SCALE 1:1                                              | DATE 10/14/2011 SHEET 1 OF 4 |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material   | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|-------------|------------|-----------------------------------|-----|
|          | X        |     | -1     | 1        | SOCKET ASSY |            |                                   | 2   |
|          | 1        |     | -3     |          | SLEEVE      | DOM        | Ø1-3/4 X Ø1-1/2, 1/8 WALL X 1-5/8 | 3   |
|          | 1        |     | -5     |          | SOCKET      | 4140 Q & T | Ø1-5/8 X 1-1/2                    | 4   |
|          | ASSY - 1 |     |        |          |             |            |                                   |     |



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                      |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex;"> <div style="flex: 1;">           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Preservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div style="flex: 1;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="flex: 1;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="flex: 1;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |